

Table 5. Columbia River Channel Improvement Project Comparison of Changes from FEIS to SEIS

Action	Final IFR/EIS for the Columbia River	Supplemental IFR/EIS for the Columbia River
Navigation Feature		
Dredging Volume (construction)	18.4 million cubic yards	14.5 million cubic yards
Rock Volume	590,000 cubic yards	490,500 cubic yards
Basalt	173,000 cubic yards	50,500 cubic yards
Cemented Cobbles	417,000 cubic yards	440,000 cubic yards
Disposal		
Upland Disposal Sites Areas	1,681 acres	1,630 acres
Agricultural Crop Land	200 acres	173 acres
Wetlands	20 acres	15 acres
Riparian Habitat	67 acres	50 acres
Ocean disposal site use	Construction and maintenance, 38 mcy over 20 years	Maintenance only, with the use of Lois Island and Miller/Pillar Ecosystem Restoration Features
Utility Relocations	5 on the Columbia River	None on the Columbia
ESA Consultation		
Monitoring Actions	Included	Strengthened and clarified
Minimization and BMPs	Included	Strengthened and clarified
In-water Work Windows	None	Specified
Adaptive Management	Included	Strengthened and clarified
Ecosystem Restoration Features		
Shillapoo Lake	1,250 acres	470-839 acres
Miller/Pillar	Not Included	234 acres
Lois Island	Not Included	357 acres
Purple Loosestrife Control	Not Included	CRM 18-52
Tenasillahe Island	Not Included	New
Interim	Not Included	92 acres
Long-term	Not Included	1,778 acres
Cottonwood/Howard	Not Included	650 acres CWTD; 60 acres tidelands
Bachelor Slough	Not Included	85 acres of in-stream restoration, 6 acres shoreline riparian restoration, 46 acres of riparian restoration upland
Ecosystem Research	Not Included	6 actions added
Adaptive Management	Not Included	Included
Costs and Benefits		
Columbia River NED Costs	\$154,224,000	\$132,932,000
Columbia River NED Average Annual Benefits	\$28.0 million	\$18.3 million
NED Benefit-to-cost Ratio	1.9	1.5
Columbia River Costs - Sponsor's Plan	\$160,884,000	\$156,181,000